# ASCENDS Lidar: Acceleration and demonstrations of key space lidar technologies

Completed Technology Project (2011 - 2015)

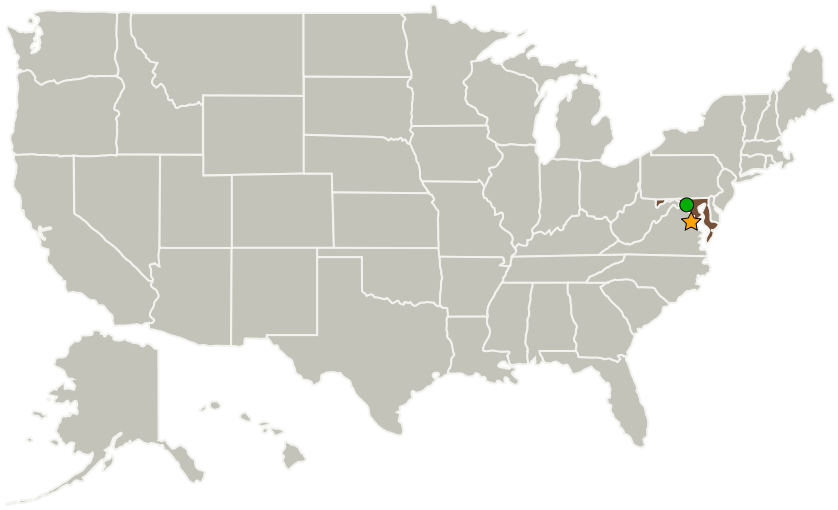
## Project Introduction

N/A

## Anticipated Benefits

N/A

## Primary U.S. Work Locations and Key Partners



| Organizations Performing Work | Role | Type | Location |
|---|---|---|---|
| ★NASA Headquarters(HQ) | Lead Organization | NASA Center | Washington, District of Columbia |
| ●Goddard Space Flight Center(GSFC) | Supporting Organization | NASA Center | Greenbelt, Maryland |

| Primary U.S. Work Locations |
|---|
| Maryland |


Project Image ASCENDS Lidar: Acceleration and demonstrations of key space lidar technologies

## Table of Contents

# ASCENDS Lidar: Acceleration and demonstrations of key space lidar technologies

Completed Technology Project (2011 - 2015)

## Images


**11036-1359994003560.jpg**
Project Image ASCENDS Lidar: Acceleration and demonstrations of key space lidar technologies
*(https://techport.nasa.gov/image/1567)*

## Organizational Responsibility

**Responsible Mission Directorate:**
Science Mission Directorate (SMD)

**Lead Center / Facility:**
NASA Headquarters (HQ)

**Responsible Program:**
Earth Science

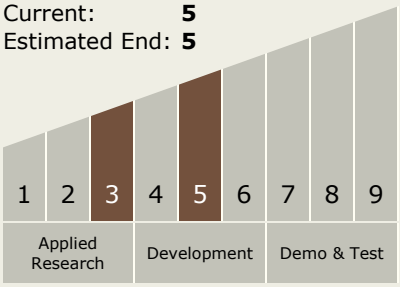
## Project Management

**Program Director:**
George J Komar

**Principal Investigator:**
James B Abshire

## Technology Maturity (TRL)

Start: **3**
Current: **5**
Estimated End: **5**




## Technology Areas

**Primary:**

*Continued on following page.*

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Completed Technology Project (2011 - 2015)

## Technology Areas *(cont.)*

- TX08 Sensors and Instruments
  - TX08.1 Remote Sensing Instruments/Sensors
    - TX08.1.5 Lasers

## Target Destination

Earth